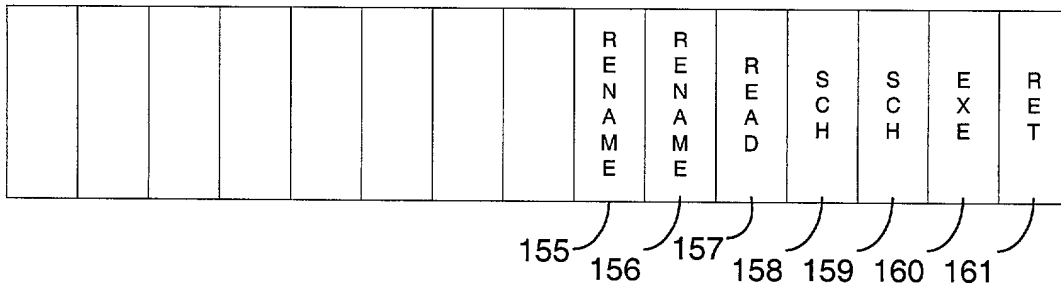
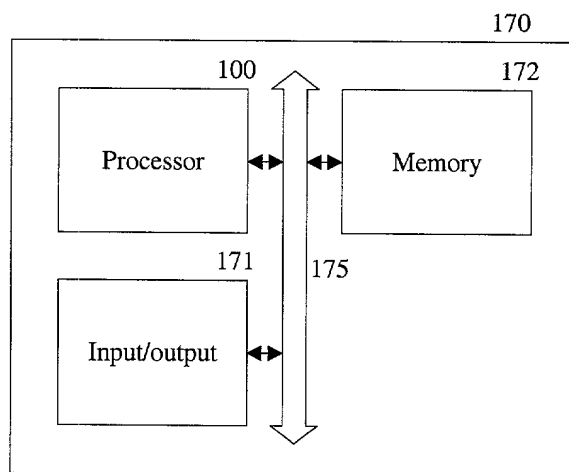


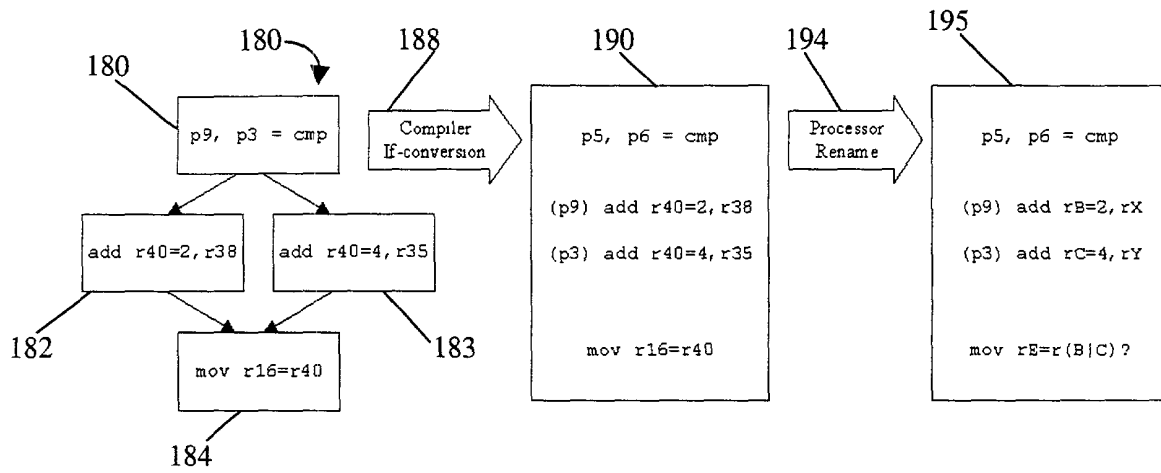
**Fig. 1**



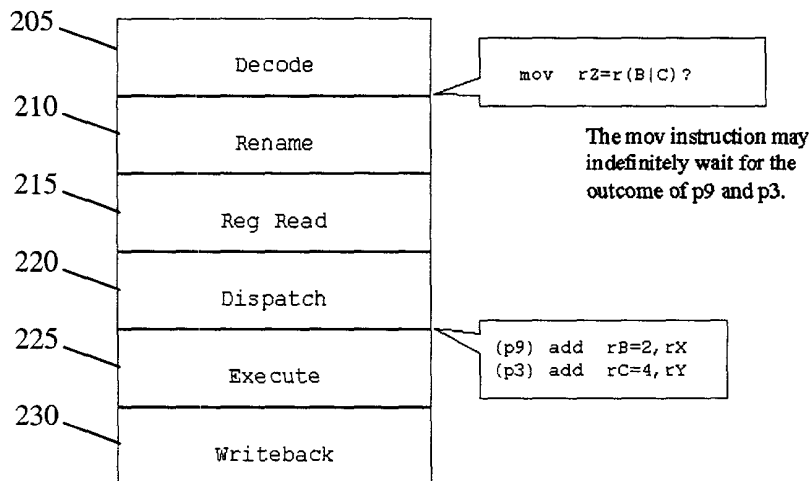
**Fig. 1A**



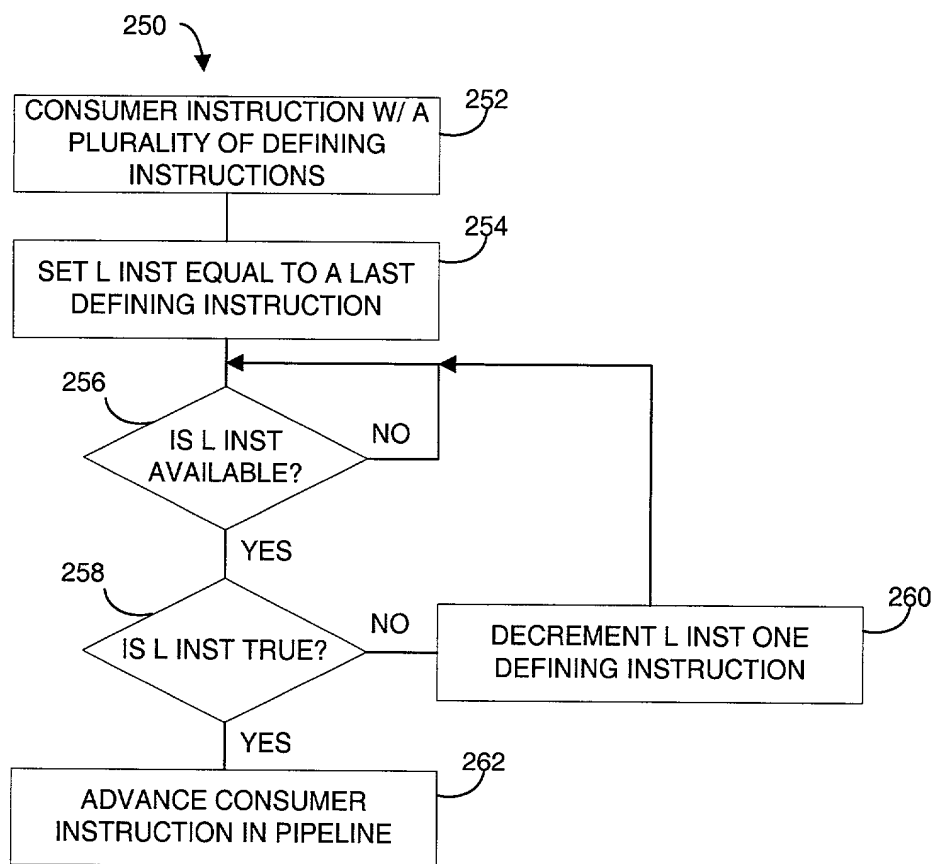
**FIG. 1B**



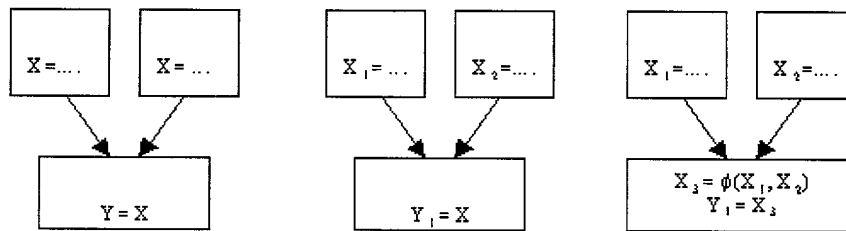
**Fig. 1C**



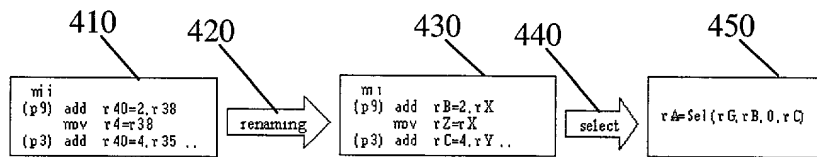
**Fig. 2**



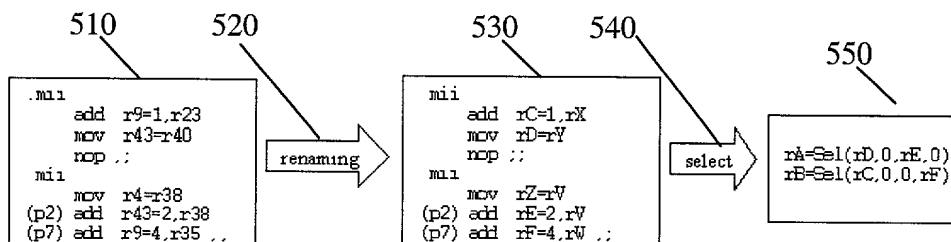
**Fig. 2A**



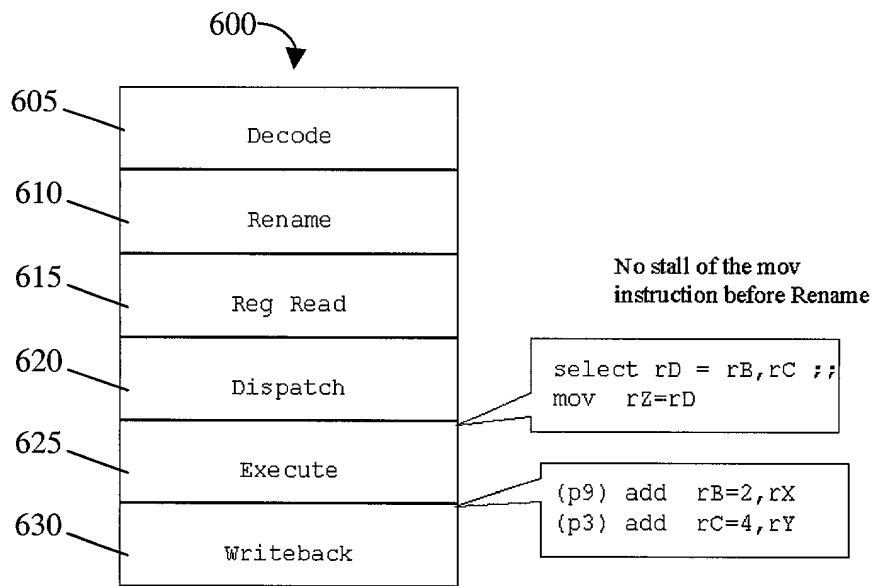
**Fig. 3**



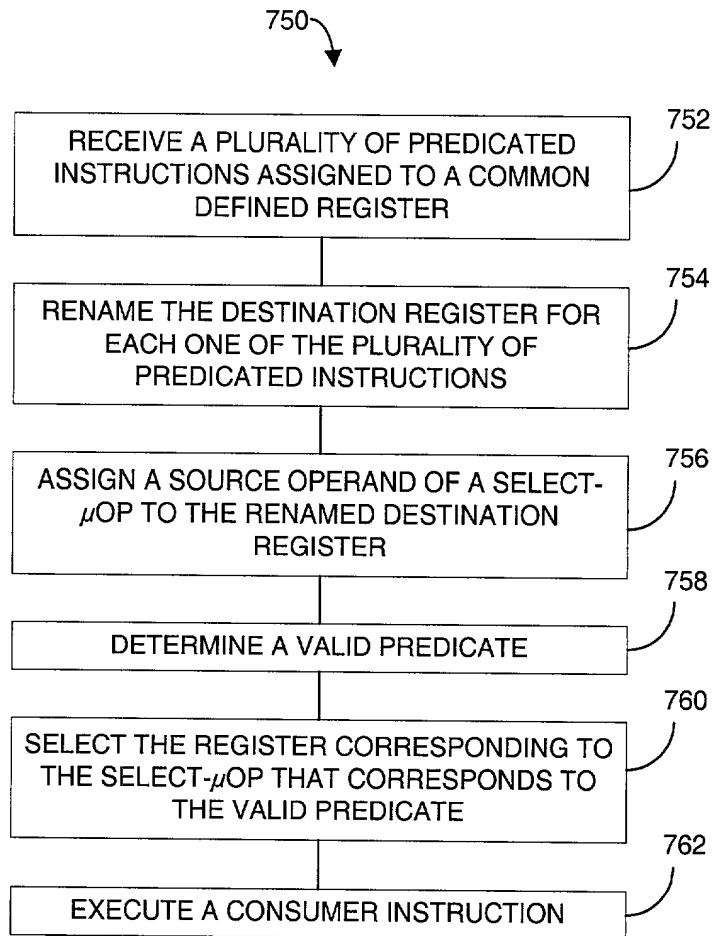
**Fig. 4**



**Fig. 5**



**Fig. 6**



**FIG. 7A**

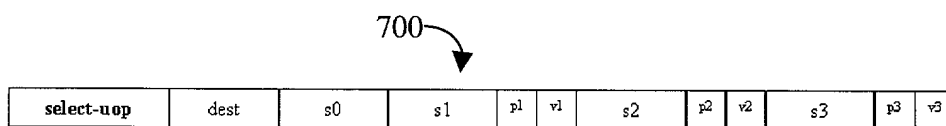


Fig. 7

	Slot 0			Slot 1		Slot 2		Slot 3	
	valid	phys reg	predicate	phys reg	predicate	phys reg	predicate	phys reg	predicate
0	1	r4	p1	r8	p9				
1	1	r11	p0						
2	0								
3	1	r6	p9	r14	p4	r21	p0	r17	p2
4	1	r24	p2						
⋮									
⋮									
⋮									
⋮									
n	1	r7	p12	r15	p3				

Fig. 8

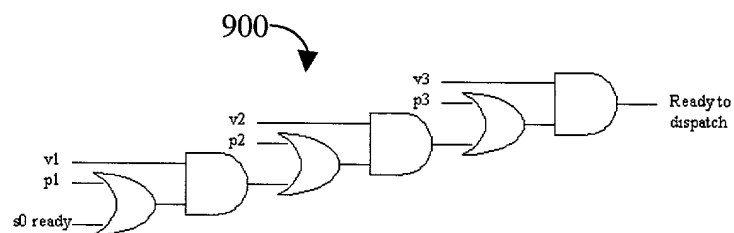
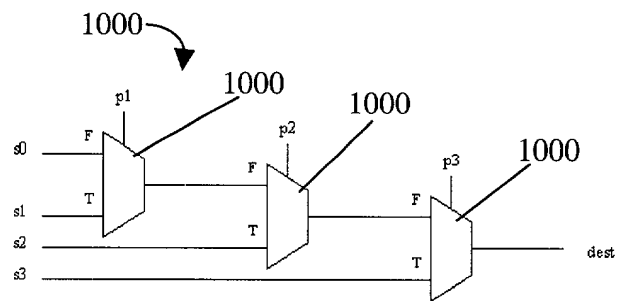


Fig. 9





**Fig. 10**

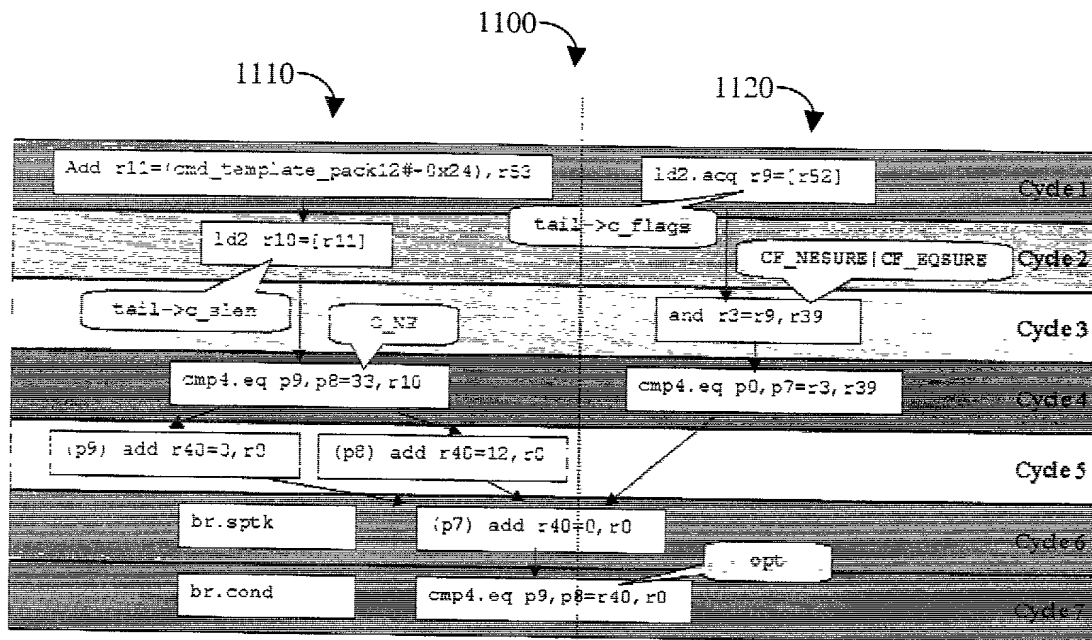


Fig. 11

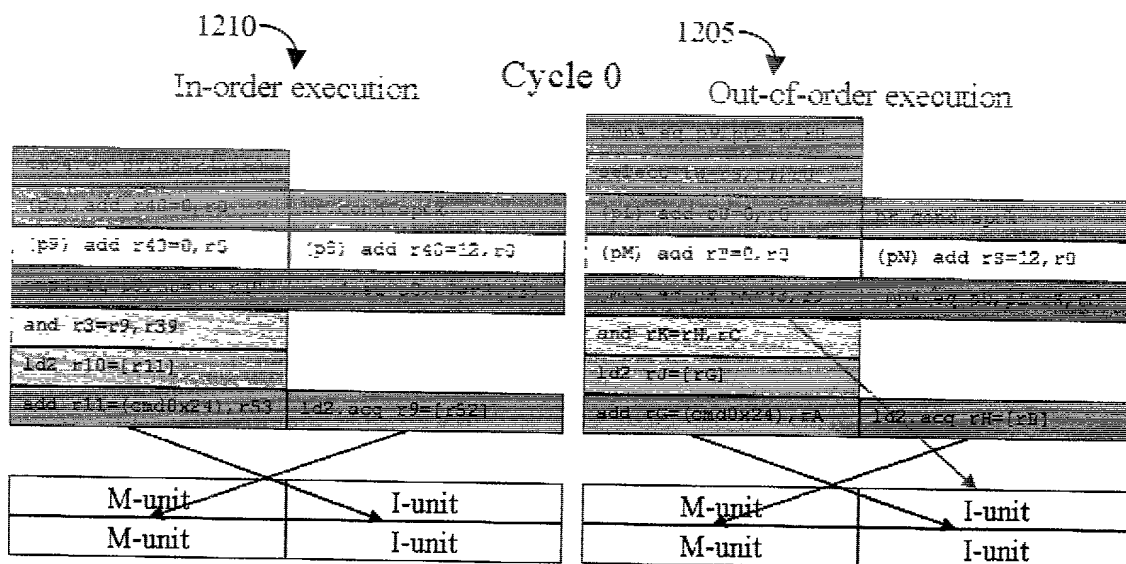


Fig. 12A

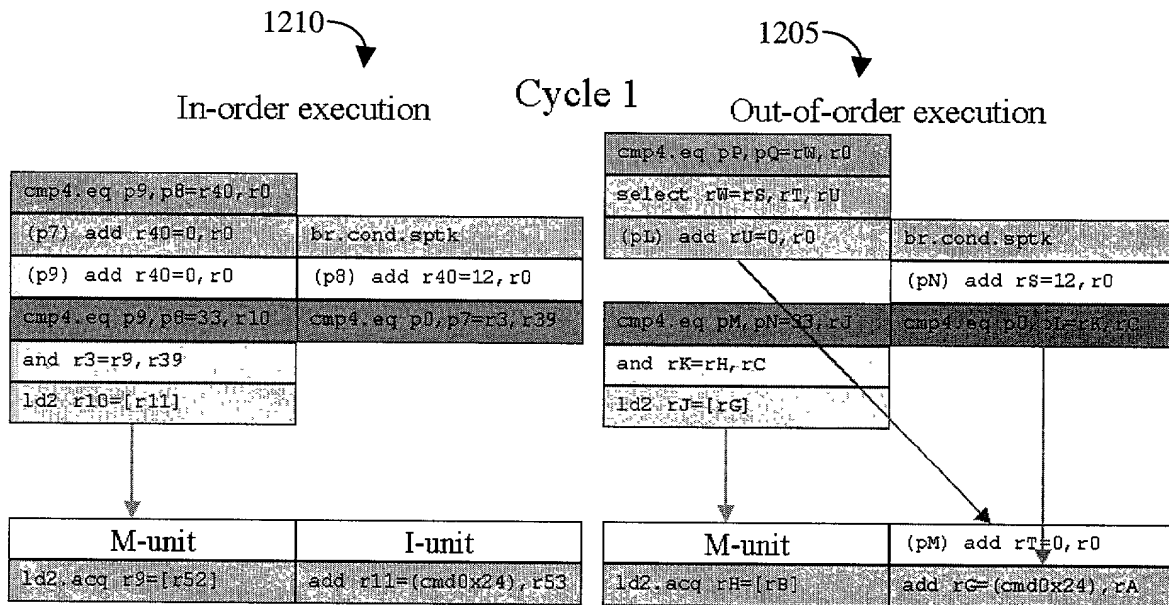


Fig. 12B

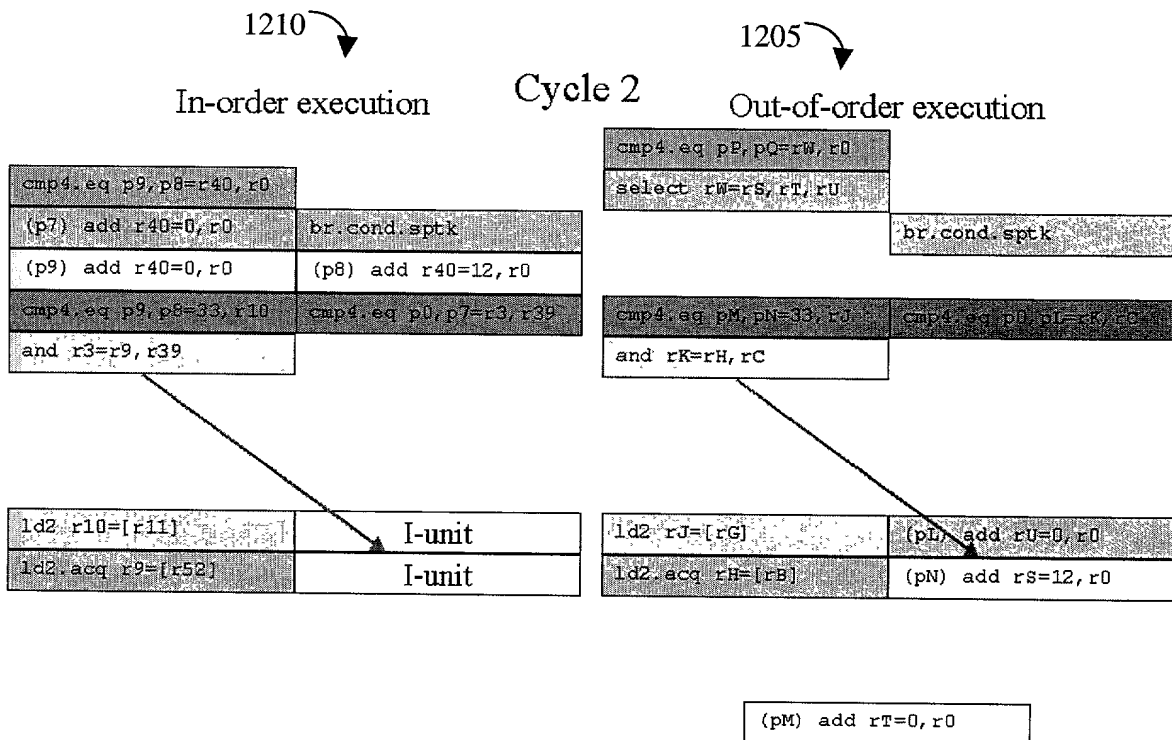
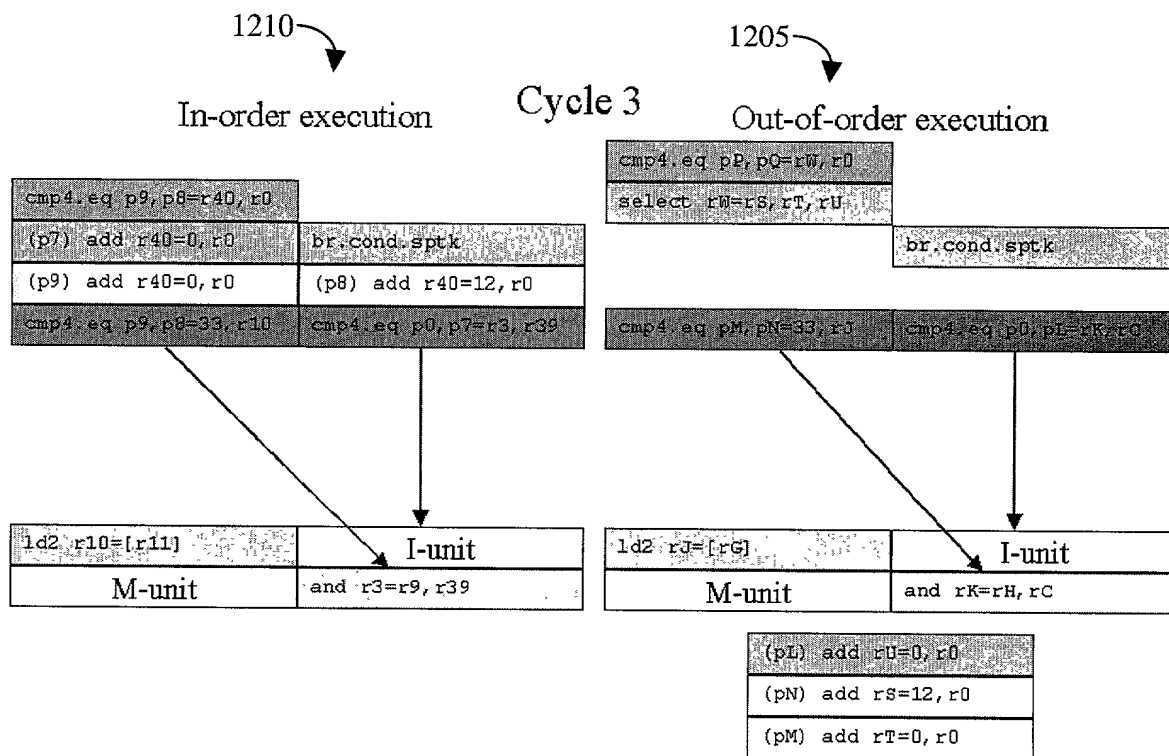


Fig. 12C



**Fig. 12D**

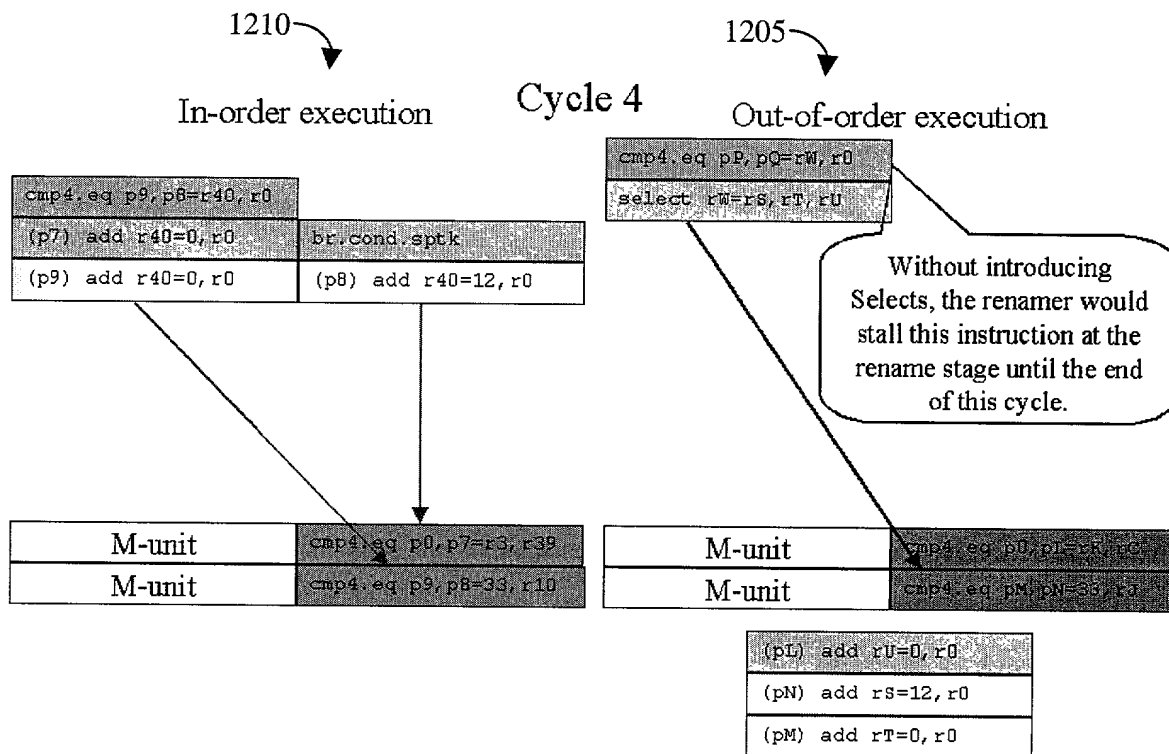


Fig. 12E

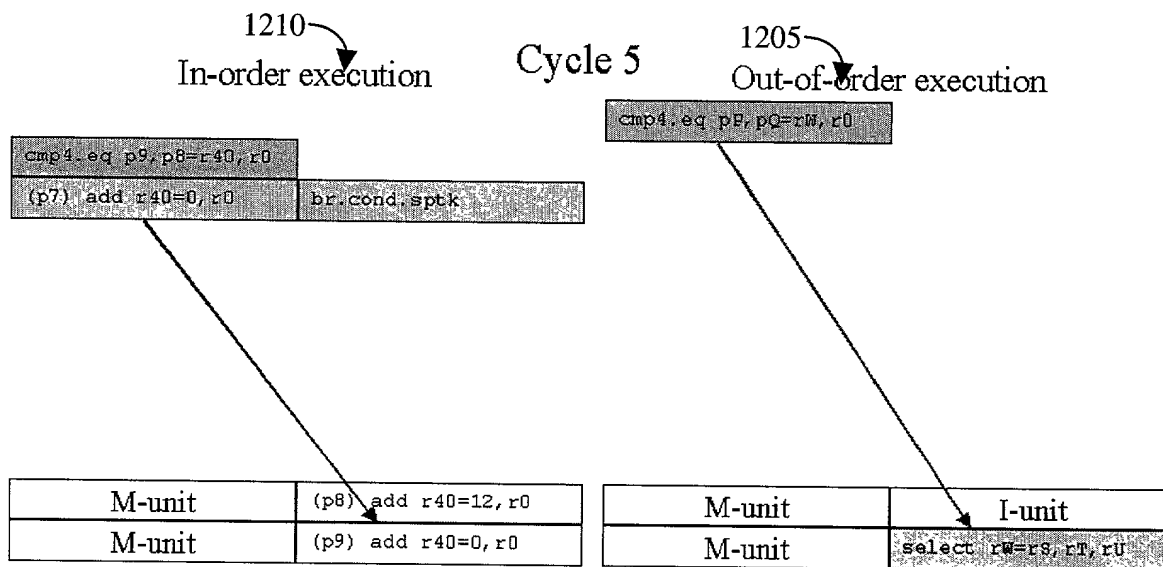
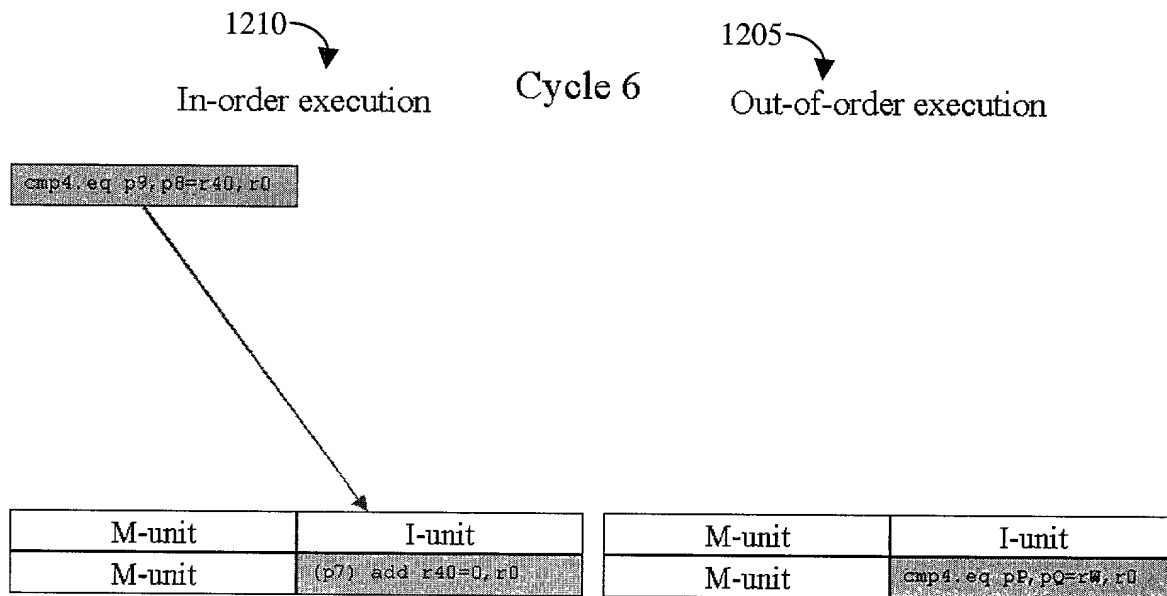


Fig. 12F



**Fig. 12G**